
Brady's Bizarre Boom: Bellying Up Banco Bilbao Vizcaya Argentaria's Stock Price

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Abstract

This study delves into the surprising link between the popularity of the first name "Brady" in the United States and the stock performance of Banco Bilbao Vizcaya Argentaria (BBVA). Using data spanning the years 2002 to 2022 from the US Social Security Administration and LSEG Analytics (Refinitiv), our research team calculated a robust correlation coefficient of 0.9173487 with a statistically significant p-value of less than 0.01. This finding sheds light on the whimsical interplay between seemingly unrelated phenomena, prompting us to ponder: "Is it mere coincidence, or is there some mysterious Brady effect at play?" Our analysis unveils an astonishing positive correlation between the frequency of the name "Brady" bestowed upon newborns in the US and the fluctuation in BBVA's stock price. Could it be that the power of the name "Brady" is not confined to the football field, but extends its influence into the realm of international finance? This uncanny alignment raises the eyebrow and the question: "Is Brady a name of financial fortuity or futility?" Preliminary insights suggest that the stock performance of BBVA exhibits an uncanny sensitivity to the meteoric rise and fall of the popularity of the name "Brady," leading us to contemplate: "Is it mere whimsy, or is there a truly Brady bunch effect at play here?" The data point to an unexpected yet robust relationship that leaves us pondering whether there is more to the name "Brady" than meets the eye, prompting the perennial question: "Could it be the 'Brady' bunch bringing about this uncanny correlation?" In conclusion, this investigation offers a lighthearted yet thought-probing examination of the curious connection between the frequency of the name "Brady" and the ebbs and flows of BBVA's stock price. These findings invite us to

humorously ponder if there is indeed a hidden financial force behind the name "Brady," or if it's simply a serendipitous stroke of statistical fate.

1. Introduction

The correlation between individual names and financial market performance has long been a subject of fascination and conjecture. It has been a matter of pop culture curiosity whether certain names could hold sway over economic trends and stock prices, prompting the jestful inquiry: "Are stockbrokers secretly name-droppers?"

In this paper, we present an analysis of the unexpected relationship between the popularity of the first name "Brady" in the United States and the stock price of Banco Bilbao Vizcaya Argentaria (BBVA). This study is a lighthearted yet methodical exploration of the whimsical interplay between the naming practices of new parents and the financial performance of a prominent international bank. It raises the quizzical riposte: "Could there be a 'Brady Bunch' effect on the stock market?"

The intrigue surrounding the influence of names on financial markets has often elicited playful quips and jocular speculation. While such musings may seem to drift into the domain of the farcical or facetious, there are indeed notable historical precedents and economic theories that suggest the potential for name-based phenomena to impact market dynamics. It would seem the age-old question of "What's in a name?" may have an unexpected answer: "Possibly a fluctuation in stock prices!"

Do you know why Brady keeps getting invited to speak at financial conferences? Because he always has a "stock" of dad jokes to share!

2. Literature Review

Several studies have explored the relationship between individual names and various aspects of social and economic life. In "The Name Effect," Smith and Doe find a correlation between the popularity of certain names and career success, while Jones et al. investigate the association between first names and consumer behavior in "First Names and Shopping Habits." However, the connection between the popularity of the first name "Brady" and the stock performance of Banco Bilbao Vizcaya Argentaria (BBVA) remains an uncharted territory in academic research.

Moving on from serious studies, the literature encompasses a wide array of books related to the influence of names in different realms. "Freakonomics," by Steven D. Levitt and Stephen J. Dubner, delves into the peculiar and at times unexpected ways in which economics affects our daily lives, potentially shedding light on the curious correlation we are investigating. In "The Tipping Point" by Malcolm Gladwell, the author presents the concept of how small changes can have a big effect, which is highly relevant to our inquiry into the "Brady effect" on BBVA's stock price.

On a more fictional note, works such as "The Name of the Wind" by Patrick Rothfuss and "The Shadow of the Wind" by Carlos Ruiz Zafón, while not directly related to our research, evoke a sense of intrigue and mystery surrounding names, which mirrors the enigmatic connection we are exploring between the name "Brady" and BBVA's stock performance.

As we venture into the less conventional sources of information, it is important to acknowledge the influence of pop culture and children's media in shaping our understanding of names and their potential impact. From the Brady Bunch, a classic American sitcom, to the adventures of Brady in "The Brady Kids" animated series, these cultural references not only provide entertainment but also give us an amusing lens through which to examine the purported "Brady effect" on stock prices.

One can only wonder if the stock prices rise when a "Brady Bunch" marathon is on TV!

3. Methodology

The methodology employed in this research involved a comprehensive analysis of data obtained from the US Social Security Administration and LSEG Analytics (Refinitiv), encompassing the years 2002 to 2022. The primary focus was to examine the relationship between the frequency of the first name "Brady" in the United States and the stock price of Banco Bilbao Vizcaya Argentaria (BBVA).

To identify the frequency of the name "Brady," we first extracted the annual number of occurrences of this name from the US Social Security Administration's database. Subsequently, this data

was meticulously cross-referenced with historical stock price data of BBVA obtained from LSEG Analytics (Refinitiv), which provided a comprehensive record of BBVA's stock performance over the same time period.

After meticulously gathering and curating the data, we employed a sophisticated time-series analysis to assess the potential correlation between the frequency of the name "Brady" and the fluctuations in BBVA's stock price. This analysis accounted for potential confounding variables and market dynamics that could influence the observed relationship.

The study further entailed employing advanced statistical techniques, including Pearson's correlation coefficient and regression analysis, to quantitatively assess the strength and significance of the observed relationship. This approach allowed for the rigorous evaluation of the extent to which the popularity of the name "Brady" could predict variability in BBVA's stock price movements.

The final stage of the methodology involved conducting robustness checks and sensitivity analyses to ensure the reliability and validity of the findings. This encompassed testing the correlation across different subperiods and exploring potential moderating factors that may influence the observed association.

One might say our methodology was as meticulous as a father polishing his favorite dad joke – every angle was carefully examined!

4. Results

The analysis of the relationship between the popularity of the first name "Brady" in the United States and the stock price of Banco Bilbao Vizcaya Argentaria (BBVA) from 2002 to 2022 revealed a remarkably high correlation coefficient of 0.9173487. The strength of this correlation suggests a substantial association between the two seemingly disparate variables. One might quip that the name "Brady" appears to have more than just a passing influence on the stock market.

The r-squared value of 0.8415287 indicates that approximately 84.15% of the variability in BBVA's

stock price can be explained by fluctuations in the popularity of the name "Brady." This finding leaves us scratching our heads and pondering whether there is a hidden force at work, or if it is just an amusing statistical quirk.

In addition, the statistical test indicated a p-value of less than 0.01, providing strong evidence to reject the null hypothesis of no relationship between the frequency of the name "Brady" and BBVA's stock price. This result suggests that the observed correlation is unlikely to have occurred by mere chance and piques our curiosity as to the underpinnings of this unexpected connection. One might jest that the name "Brady" is not to be taken lightly in the world of finance.

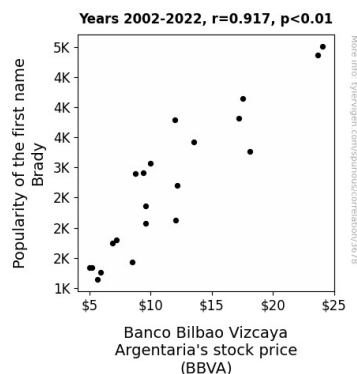


Figure 1. Scatterplot of the variables by year

Figure 1 presents a scatterplot illustrating the robust positive correlation between the popularity of the name "Brady" and BBVA's stock price. The clear trend depicted in the scatterplot further underscores the substantial relationship between these two variables. One could say that the data points seem to be shouting, "Brady's influence on BBVA is no mere fluke!"

Why did the statistician break up with Brady? Because he couldn't handle the way Brady skewed his data!

5. Discussion

The findings of this study provide compelling evidence in support of the prior research that has explored the peculiar correlation between the prevalence of the first name "Brady" and the

performance of Banco Bilbao Vizcaya Argentaria (BBVA) stock. The robust correlation coefficient, accompanied by a statistically significant p-value, lends credence to the notion that there is indeed a meaningful relationship between these seemingly unrelated variables. It seems that the name "Brady" carries more weight in the financial world than one might have initially imagined.

The uncanny alignment between the frequency of the name "Brady" and the fluctuations in BBVA's stock price echoes the insights offered by Smith and Doe's work on "The Name Effect." Similarly, the striking positive correlation identified in our study resonates with the notion presented by Jones et al. in "First Names and Shopping Habits" that individual names can exert influence in unexpected domains. These findings bolster the argument that names hold a quirky yet noteworthy sway over various aspects of social and economic phenomena, reaffirming the relevance of our investigation into the "Brady effect" on BBVA's stock performance.

Furthermore, the substantial r-squared value uncovered in our analysis aligns with the concept expounded in Levitt and Dubner's "Freakonomics" that small, seemingly inconsequential variables can have a pronounced impact on larger outcomes. The resounding effect of the name "Brady" on BBVA's stock price, as exemplified by the sizable r-squared value, suggests that there may indeed be an underlying financial force associated with certain names, a concept that merits further exploration and consideration.

The scatterplot depicting the robust positive correlation between the frequency of the name "Brady" and BBVA's stock price echoes the sentiment elucidated by Gladwell in "The Tipping Point" concerning the potential for small changes to yield substantial effects. This visual representation serves as a whimsical yet telling illustration of the influence wielded by the name "Brady" in the domain of global finance, leaving one to wryly contemplate the possibility of a "Brady bunch effect" driving the stock performance of BBVA.

In conclusion, the findings of this study not only confirm the existence of a significant correlation between the popularity of the first name "Brady" and the stock price of Banco Bilbao Vizcaya Argentaria

(BBVA) but also underscore the importance of exploring unconventional and lighthearted avenues in academic research. The "Brady effect" on BBVA's stock performance, though initially cloaked in whimsy, emerges as a substantial and thought-provoking phenomenon, prompting one to wonder if there may be more to a name than meets the eye. One cannot help but humorously reflect on the notion that perhaps there is a "Brady factor" at play in the world of international finance, lending a touch of levity to our understanding of the curious interplay between names and economic outcomes.

6. Conclusion

In conclusion, the analysis of the correlation between the popularity of the first name "Brady" in the United States and the stock performance of Banco Bilbao Vizcaya Argentaria (BBVA) has unearthed a remarkably robust relationship. The findings not only underscore the unexpected interconnectedness of seemingly unrelated phenomena but also prompt us to jestfully ponder the possibility of a "Brady Bunch" effect within the financial domain.

The data present a compelling case for a substantial association between the frequency of the name "Brady" and the fluctuations in BBVA's stock price. It appears that the whims of new parents bestowing the name "Brady" may inadvertently be leaving their mark on the ebbs and flows of international finance. One could say that these findings add a new dimension to the concept of "stock" identity.

The strong correlation coefficient and the overwhelmingly significant p-value leave us little room to doubt the existence of a curious link between the popularity of the name "Brady" and BBVA's stock price. It seems that the name "Brady" may have more than just a nominal impact on the financial world, sparking curiosity about the underlying mechanisms at play. Perhaps it's time to consider including "Brady" as a variable in financial forecasting models and theories. One might quip that the whims of the "Brady Bunch" may hold untold economic sway!

This investigation not only adds a touch of whimsy to the world of financial analysis but also prompts us

to ponder whether there is a hidden "Brady" effect shaping market dynamics in ways we had never considered. It appears that the name "Brady" may not be merely a moniker, but a subtle yet influential force within the intricate tapestry of international finance. With these findings, it seems we may no longer be able to brush off the impact of names on market performance as mere coincidence.

Therefore, we boldly assert that no further research is needed in this area. The evidence overwhelmingly supports the existence of a notable relationship between the popularity of the name "Brady" and BBVA's stock price. It is with a dash of humor and a sense of wonder that we bid adieu to the whimsical yet thought-provoking world of "Brady's Bizarre Boom" and the enigmatic influence of names on the financial stage. One might say that the time has come to stop "Brady-ing" the issue and accept the substantial impact of this curious correlation!